

Kashnikow, Andres

From: Horrigan, Jeanne
Sent: Friday, September 29, 2000 3:28 PM
To: Kashnikow, Andres
Subject: Litigation search results for US Patent 5,261,601

Attached are the litigation search results for US Patent 5,261,601. Here is a summary of the results:

- Patent family and legal status information (from the Inpadoc database)
- Patent status, legal status and reissue information (from the Questel database)
- Reissue information (from the Lexis database)

There were no litigation alerts, law cases, law journal articles, or current news stories that mentioned this patent in the databases.

I hope this information is helpful. Please let me know if you have any questions.



INPADOC.doc



LEXIS.doc



QUESTEL.doc

Best regards,
Jeanne Horrigan, EIC-3700

INPADOC SEARCH RESULTS:

1/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat

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10656945

Basic Patent (No,Kind,Date): GB 8928086 A0 19900214 <No. of Patents: 065>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AT 93418	E	19930915	EP 90313389	A	19901210
AT 143295	E	19961015	EP 93101239	A	19901210
AT 194511	E	20000715	EP 96102932	A	19901210
AU 9067897	A1	19920723	AU 9067897	A	19901210
AU 637658	B2	19930603	AU 9067897	A	19901210
BR 9006291	A	19910924	BR 90U6291	A	19901211
CA 2031907	AA	19910613	CA 2031907	A	19901210
CA 2031907	C	19970624	CA 2031907	A	19901210
CN 1054916	A	19911002	CN 90110311	A	19901212
CN 1019952	B	19930303	CN 90110311	A	19901212
DE 69002926	C0	19930930	EP 90313389	A	19901210
DE 69028718	C0	19961031	DE 69028718	A	19901210
DE 69033591	C0	20000817	DE 69033591	A	19901210
DE 69002926	T2	19931223	EP 90313389	A	19901210
DE 69028718	T2	19970206	DE 69028718	A	19901210
DK 432992	T3	19940110	DK 9090313389	A	19901210
DK 542723	T3	19970303	DK 9393101239	A	19901210
EP 432992	A1	19910619	EP 90313389	A	19901210
EP 542723	A2	19930519	EP 93101239	A	19901210
EP 718046	A2	19960626	EP 96102932	A	19901210
EP 542723	A3	19930707	EP 93101239	A	19901210
EP 718046	A3	19960807	EP 96102932	A	19901210
EP 432992	B1	19930825	EP 90313389	A	19901210
EP 542723	B1	19960925	EP 93101239	A	19901210
EP 718046	B1	20000712	EP 96102932	A	19901210
ES 2030348	AF	19921016	ES 9003164	A	19901211
ES 2043293	T3	19931216	ES 90313389	EP	19901210
ES 2092146	T3	19961116	ES 93101239	EP	19901210
FI 9006089	A	19910613	FI 906089	A	19901211
FI 9301780	A	19930420	FI 931780	A	19930420
FI 9006089	A0	19901211	FI 906089	A	19901211
FI 9301780	A0	19930420	FI 931780	A	19930420
FI 101196	B1	19980515	FI 906089	A	19901211
FI 101197	B1	19980515	FI 931780	A	19930420
FR 2655572	A1	19910614	FR 9015408	A	19901210
FR 2655572	B1	19940107	FR 9015408	A	19901210
GB 8928086	A0	19900214	GB 8928086	A	19891212
GB 9017563	A0	19900926	GB 9017563	A	19900810
GB 9026804	A0	19910130	GB 9026804	A	19901210
GB 9225004	A0	19930120	GB 9225004	A	19921130
GB 2240494	A1	19910807	GB 9026804	A	19901210
GB 2263076	A1	19930714	GB 9225004	A	19921130
GB 2240494	B2	19931103	GB 9026804	A	19901210
GB 2263076	B2	19940608	GB 9225004	A	19921130
IL 96597	A0	19910916	IL 96597	A	19901207
IL 96597	A0	19920525	IL 96597	A	19901207
IL 96597	A1	19940412	IL 96597	A	19901207

(BASIC)

IT 1244181	A	19940708	IT 9022344	A	19901211
IT 9022344	A0	19901211	IT 9022344	A	19901211
JP 4100557	A2	19920402	JP 90410268	A	19901211
JP 94040984	B4	19940601	JP 90410268	A	19901211
KR 152086	B1	19981001	KR 9020290	A	19901211
MX 172730	B	19940110	MX 23663	A	19901210
NO 9005350	A	19910613	NO 905350	A	19901211
NO 9005350	A0	19901211	NO 905350	A	19901211
NO 179275	B	19960603	NO 905350	A	19901211
NO 179275	C	19960911	NO 905350	A	19901211
NZ 236418	A	19921223	NZ 236418	A	19901210
PT 96169	A	19920831	PT 96169	A	19901212
PT 96169	B	19980731	PT 96169	A	19901212
US 5152456	A	19921006	US 620416	A	19901203
US 5261601	A	19931116	US 907519	A	19920706
ZA 9009776	A	19920826	ZA 909776	A	19901205
RU 2051755	C1	19960110	RU 4831943	A	19901211

Priority Data (No,Kind,Date):

EP 90313389 A 19901210
 GB 8928086 A 19891212
 GB 9017563 A 19900810
 EP 90313389 A3 19901210
 EP 93101239 A3 19901210
 FI 906089 A 19901211
 GB 9026804 A 19901210
 GB 9026804 A3 19901210
 IL 96597 A 19901207
 US 620416 A2 19901203

PATENT FAMILY:

AUSTRIA (AT)

Patent (No,Kind,Date): AT 93418 E 19930915

ABGABEVORRICHTUNG. (German)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY

Priority (No,Kind,Date): EP 90313389 A 19901210; GB 8928086 A 19891212; GB 9017563 A 19900810

Applic (No,Kind,Date): EP 90313389 A 19901210

Addnl Info: 00432992 19930825

IPC: * B05B-017/06

Derwent WPI Acc No: * G 91-179793

Language of Document: English

Patent (No,Kind,Date): AT 143295 E 19961015

VERTEILUNGSGERAET (German)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810

Applic (No,Kind,Date): EP 93101239 A 19901210

Addnl Info: 00542723 19960925

IPC: * B05B-017/06

Derwent WPI Acc No: * C 96-288546; G 91-179793

Language of Document: German

Patent (No,Kind,Date): AT 194511 E 20000715

SPENDER (German)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): EP 96102932 A 19901210
Addnl Info: 718046 20000712
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: German

AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):

AT 93418	R	19930915	AT REF	CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 432992 P 19930825
AT 93418	R	19940415	AT UEP	PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION (UEBERSETZUNG DER EUROPÄISCHEN PATENTSCHRIFT AUSGEGEBEN)
AT 93418	R	19970915	AT REN	CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE (ERLOSCHEN INFOLGE NICHTZ. D. JAHRESGEB.)
AT 143295	R	19961015	AT REF	CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 542723 P 19960925
AT 143295	R	19970315	AT RER	CEASED AS TO PARAGRAPH 5 LIT. 3 LAW INTRODUCING PATENT. TREATIES (ERLOSCHEN GEM. PAR. 5 ABS. 3 PATVEG.)
AT 194511	R	20000715	AT REF	CORRESPONDS TO EP-PATENT (ENTSPRICHT EP-PATENT) EP 718046 P 20000712

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9067897 A1 19920723
DISPENSING APPARATUS (English)
Patent Assignee: BESPAC PLC
Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): AU 9067897 A 19901210
IPC: * A61M-011/00; B05B-001/02; B05B-001/00
Derwent WPI Acc No: * G 91-179793
Language of Document: English
Patent (No,Kind,Date): AU 637658 B2 19930603
DISPENSING APPARATUS (English)
Patent Assignee: BESPAC PLC
Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): AU 9067897 A 19901210
IPC: * A61M-011/00; B05B-001/02; B05B-001/00
Derwent WPI Acc No: * G 91-179793
Language of Document: English

BRAZIL (BR)

Patent (No,Kind,Date): BR 9006291 A 19910924
APARELHO DISPENSADOR (Portuguese)

Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): BR 90U6291 A 19901211
IPC: * B05B-003/14; B05B-001/08
Derwent WPI Acc No: * G 91-179793
Language of Document: Portugese

CANADA (CA)

Patent (No,Kind,Date): CA 2031907 AA 19910613
DISPENSING APPARATUS (English; French)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN J (GB); HUMBERSTONE VICTOR C (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): CA 2031907 A 19901210
National Class: * D12220001 M; 1280064 S
IPC: * A61M-011/00
Derwent WPI Acc No: * G 91-179793
Language of Document: English
Patent (No,Kind,Date): CA 2031907 C 19970624
DISPENSING APPARATUS (English; French)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): CA 2031907 A 19901210
National Class: * D12220001 M; 1280064 S
IPC: * A61M-011/00
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1054916 A 19911002
DISPENSING APPARATUS (English)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): CN 90110311 A 19901212
IPC: * B05B-017/06; B05B-011/00; A61M-015/00; A61M-011/00
Derwent WPI Acc No: * G 91-179793
Language of Document: Chinese
Patent (No,Kind,Date): CN 1019952 B 19930303
DISPENSING APPARATUS (English)
Patent Assignee: DESPAK PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): CN 90110311 A 19901212
IPC: * B05B-017/06; B05B-011/00; A61M-011/00
Derwent WPI Acc No: * G 91-179793
Language of Document: Chinese

GERMANY (DE)

Patent (No,Kind,Date): DE 69002926 C0 19930930
ABGABEVORRICHTUNG. (German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): EP 90313389 A 19901210
IPC: * B05B-017/06
Derwent WPI Acc No: * G 91-179793
Language of Document: German
Patent (No,Kind,Date): DE 69028718 C0 19961031
VERTEILUNGSGERAET (German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): DE 69028718 A 19901210
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: German
Patent (No,Kind,Date): DE 69033591 C0 20000817
SPENDER (German)
Patent Assignee: BESPAC PLC KING S LYNN (GB)
Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): DE 69033591 A 19901210
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: German
Patent (No,Kind,Date): DE 69002926 T2 19931223
ABGABEVORRICHTUNG. (German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): EP 90313389 A 19901210
IPC: * B05B-017/06
Derwent WPI Acc No: * G 91-179793
Language of Document: German
Patent (No,Kind,Date): DE 69028718 T2 19970206
VERTEILUNGSGERAET (German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): DE 69028718 A 19901210
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69002926 P 19930930 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69002926 P 19931223 DE 8373 EP 432992 P 19930930
TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER
PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST
EINGEGANGEN UND VERÖFFENTLICHT WORDEN)

DE 69002926 P 19940922 DE 8364 NO OPPOSITION DURING TERM OF
OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE
DASS EINSPRUCH ERHOBEN WURDE)

DE 69028718 P 19961031 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69028718 P 19970206 DE 8373 EP 542723 P 19961031
TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER
PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST
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DE 69028718 P 19970925 DE 8363 OPPOSITION AGAINST THE
PATENT (EINSPRUCH GEGEN DAS PATENT ERHOBEN)

DE 69033591 P 20000817 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 718046 P 20000817

DENMARK (DK)

Patent (No,Kind,Date): DK 432992 T3 19940110

UDLEVERINGSINDRETNING (Danish)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): DK 9090313389 A 19901210

IPC: * B05B-017/06

Derwent WPI Acc No: * C 96-288546; G 91-179793

Language of Document: Danish

Patent (No,Kind,Date): DK 542723 T3 19970303

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): DK 9393101239 A 19901210

IPC: * B05B-017/06

Derwent WPI Acc No: * C 96-288546; G 91-179793

Language of Document: Danish

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 432992 A1 19910619

DISPENSING APPARATUS (English; French; German)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): EP 90313389 A 19901210
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; NL; SE
IPC: * B05B-017/06
Derwent WPI Acc No: ; G 91-179793
Language of Document: English
Patent (No,Kind,Date): EP 542723 A2 19930519
DISPENSING APPARATUS (English; French; German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN
(GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): EP 93101239 A 19901210
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; NL; SE
IPC: * B05B-017/06
Derwent WPI Acc No: * G 91-179793
Language of Document: English
Patent (No,Kind,Date): EP 718046 A2 19960626
DISPENSING APPARATUS (English; French; German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN
(GB)
Priority (No,Kind,Date): EP 90313389 A3 19901210; EP 93101239 A3
19901210; GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): EP 96102932 A 19901210
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; NL; SE
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793; C 96-288546
Language of Document: English
Patent (No,Kind,Date): EP 542723 A3 19930707
DISPENSING APPARATUS (English; French; German)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): HUMBERSTONE VICTOR CAREY (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): EP 93101239 A 19901210
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; NL; SE
IPC: * B05B-017/06
Derwent WPI Acc No: * G 91-179793
Language of Document: English
Patent (No,Kind,Date): EP 718046 A3 19960807
Patent Assignee: BESPAC PLC
Priority (No,Kind,Date): EP 90313389 A3 19901210; EP 93101239 A3
19901210; GB 8928086 A 19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): EP 96102932 A 19901210
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; NL; SE
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: English
Patent (No,Kind,Date): EP 432992 B1 19930825
DISPENSING APPARATUS (English; French; German)
Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): EP 90313389 A 19901210
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
 IPC: * B05B-017/06
 Derwent WPI Acc No: * G 91-179793
 Language of Document: English
 Patent (No,Kind,Date): EP 542723 B1 19960925
 DISPENSING APPARATUS (English; French; German)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
 Priority (No,Kind,Date): EP 90313389 A3 19901210; GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): EP 93101239 A 19901210
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
 IPC: * B05B-017/06
 Derwent WPI Acc No: * C 96-288546; G 91-179793
 Language of Document: English
 Patent (No,Kind,Date): EP 718046 B1 20000712
 DISPENSING APPARATUS (English; French; German)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
 Priority (No,Kind,Date): EP 90313389 A3 19901210; EP 93101239 A3 19901210; GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): EP 96102932 A 19901210
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE
 IPC: * B05B-017/06
 Derwent WPI Acc No: * C 96-288546; G 91-179793
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 432992	P	19891212	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				GB 8928086 A 19891212	
EP 432992	P	19900810	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				GB 9017563 A 19900810	
EP 432992	P	19901210	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
				EP 90313389 A 19901210	
EP 432992	P	19910619	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT	(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IT LI LU NL SE	
EP 432992	P	19910619	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT	(VEROEFFENTLICHUNG DER

			ANMELDUNG MIT RECHERCHENBERICHT)
EP 432992	P	19911009 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 910812
EP 432992	P	19921125 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 921013
EP 432992	P	19930519 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 542723 P
EP 432992	P	19930825 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP 432992	P	19930825 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 432992	P	19930825 EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 93418 R 19930915
EP 432992	P	19930825 EP XX	MISCELLANEOUS: (DIVERSES:)
			TEILANMELDUNG 93101239.7 EINGEREICHT AM 10/12/90.
EP 432992	P	19930915 EP RBV	DESIGNATED CONTRACTING STATES (CORRECTION) (BENANNTE VERTRAGSSTAATEN (KORR.)) TEILANMELDUNG 93101239.7 EINGEREICHT AM 10/12/90.
EP 432992	P	19930930 EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69002926 P 19930930
EP 432992	P	19931029 EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 432992	P	19931105 EP ITF	IT: TRANSLATION FOR A EP PATENT FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO EUROPEO) JACOBACCI CASETTA & PERANI S.P.A.
EP 432992	P	19931216 ES FG2A/REG	DEFINITIVE PROTECTION (PROTECCION DEFINITIVA) 2043293T3
EP 432992	P	19931230 EP EPTA	LU: LAST PAID ANNUAL FEE (LU: DERNIER PAYEMENT D'UNE TAXE ANNUELE)
EP 432992	P	19940110 DK T3/REG	TRANSLATION OF EP PATENT
EP 432992	P	19940817 EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 432992	P	19950131 EP EAL	SE: EUROPEAN PATENT IN FORCE IN SWEDEN (SE: EUROPEISKT PATENT GAELLANDE I SVERIGE) 90313389.0
EP 432992	P	19960925 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 542723 P
EP 432992	P	19970630 EP BERE	BE: LAPSED (BE: DECHU) 961231 ;BESPAK P.L.C.
EP 432992	P	19970901 EP NLV4	NL: LAPSED OR ANNULED DUE TO NON-PAYMENT OF THE ANNUAL FEE (NL: WEGENS

NIET BETALEN VAN EEN JAARCIJNS VERVALLEN)
970701

EP 432992	P	20000712	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)) EP 718046 P
EP 542723	P	19891212	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) GB 8928086 A 19891212
EP 542723	P	19900810	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) GB 9017563 A 19900810
EP 542723	P	19901210	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 90313389 A3 19901210
EP 542723	P	19901210	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93101239 A 19901210
EP 542723	P	19930519	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)) EP 432992 P
EP 542723	P	19930519	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 542723	P	19930519	EP A2	AT BE CH DE DK ES FR GB GR IT LI LU NL SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 542723	P	19930707	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 542723	P	19930707	EP A3	AT BE CH DE DK ES FR GB GR IT LI LU NL SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 542723	P	19930804	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930604
EP 542723	P	19930818	EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.)) HUMBERSTONE, VICTOR CAREY ; ROSS, CALVIN JOHN
EP 542723	P	19940126	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 931210
EP 542723	P	19960626	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)) EP 718046 P
EP 542723	P	19960918	EP DX	MISCELLANEOUS: (DELETED) (DIVERSES: (GELOESCHT))
EP 542723	P	19960925	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)) EP 432992 P

EP 542723	P	19960925	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP 542723	P	19960925	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 542723	P	19960925	EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
				AT 143295 R 19961015
EP 542723	P	19961009	EP ITF	IT: TRANSLATION FOR A EP PATENT FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO EUROPEO)
				JACOBACCI & PERANI S.P.A.
EP 542723	P	19961031	EP REF	CORRESPONDS TO: (ENTSPRICHT)
				DE 69028718 P 19961031
EP 542723	P	19961116	ES FG2A/REG	DEFINITIVE PROTECTION (PROTECCION DEFINITIVA)
				2092146T3
EP 542723	P	19961220	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
				CORRECTIONS
EP 542723	P	19970303	EP NLV1	NL: LAPSED OR ANNULED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT; NO LEGAL EFFECT FROM THE DATE OF (NL: WIRKUNG IN NL NICHT EINGETRETEN (ART. 29P UND 29M NL PATG.))
EP 542723	P	19970303	DK T3/REG	TRANSLATION OF EP PATENT
EP 542723	P	19970327	CH PL/REG	PATENT CEASED (LOESCHUNG/RADIATION/RADIAZION)
EP 542723	P	19970618	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				BE 960925
EP 542723	P	19970709	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				AT 960925
EP 542723	P	19970709	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				AT 960925
EP 542723	P	19970709	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				AT 960925
EP 542723	P	19970709	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				AT 960925
EP 542723	P	19970820	EP 26	OPPOSITION FILED (EINSPRUCH EINGELEGT)
				970623 AEROGEN INC.
EP 542723	P	20000202	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				AT 19960925
EP 542723	P	20000202	EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P)
				AT 19960925
EP 542723	P	20000202	EP 25	LAPSED AS TO RULE 92 1 P

			(ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000202 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000202 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000202 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000216 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000216 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000216 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000216 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000216 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000216 EP 25	LAPSED AS TO RULE 92 1 P (ERLOSCHEN GEM. REGEL 92 1 P) AT 19960925
EP 542723	P	20000712 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 718046 P
EP 718046	P	19891212 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) GB 8928086 A 19891212
EP 718046	P	19900810 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) GB 9017563 A 19900810
EP 718046	P	19901210 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 90313389 A3 19901210
EP 718046	P	19901210 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93101239 A3 19901210
EP 718046	P	19901210 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 96102932 A 19901210
EP 718046	P	19960626 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 542723 P
EP 718046	P	19960626 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP 718046	P	19960626 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 718046	P	19960807 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP 718046	P	19960807 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 718046	P	19970122 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 961125
EP 718046	P	19991103 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19990916
EP 718046	P	20000712 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 432992 P
EP 718046	P	20000712 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 542723 P
EP 718046	P	20000712 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IT LI LU NL SE
EP 718046	P	20000712 EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 718046	P	20000712 EP REF	IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 194511 R 20000715
EP 718046	P	20000714 CH EP/REG	ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 718046	P	20000817 EP REF	CORRESPONDS TO: (ENTSPRICHT) DE 69033591 P 20000817

SPAIN (ES)

Patent (No,Kind,Date): ES 2030348 AF 19921016
 APARATO Y METODO PARA DISTRIBUIR LIQUIDO EN FORMA DE PULVERIZACION
 ATOMIZADA. (Spanish)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
 (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
 19900810
 Applic (No,Kind,Date): ES 9003164 A 19901211
 IPC: * B05B-001/26; B05B-009/047; A61M-015/00
 Derwent WPI Acc No: * G 91-179793
 Language of Document: Spanish
 Patent (No,Kind,Date): ES 2043293 T3 19931216
 APARATO DE ENTREGA. (Spanish)
 Patent Assignee: BESPAC PLC

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): ES 90313389 EP 19901210
 Addnl Info: 432992 EP patent valid in AT
 IPC: * B05B-017/06
 Derwent WPI Acc No: * G 91-179793
 Language of Document: Spanish
 Patent (No,Kind,Date): ES 2092146 T3 19961116
 APARATO DISTRIBUIDOR. (Spanish)
 Patent Assignee: BESPAC PLC
 Author (Inventor): HUMBERSTONE VICTOR CAREY (GB); ROSS CALVIN JOHN (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): ES 93101239 EP 19901210
 Addnl Info: 0542723 EP patent valid in AT
 IPC: * B05B-017/06
 Derwent WPI Acc No: * C 96-288546; G 91-179793
 Language of Document: Spanish

SPAIN (ES)

Legal Status (No,Type,Date,Code,Text):
 ES 2043293 P 19931216 ES FG2A DEFINITIVE PROTECTION
 (PROTECCION DEFINITIVA)
 432992
 ES 2092146 P 19961116 ES FG2A DEFINITIVE PROTECTION
 (PROTECCION DEFINITIVA)
 542723

FINLAND (FI)

Patent (No,Kind,Date): FI 9006089 A 19910613
 DISTRIBUTIONSANORDNING. (Swedish)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FI 906089 A 19901211
 IPC: * A61M
 Derwent WPI Acc No: * G 91-179793
 Language of Document: Finnish; Swedish
 Patent (No,Kind,Date): FI 9301780 A 19930420
 DISTRIBUTIONSANORDNING SAMT FOERFARANDE FOER DISTRIBUTUERING AV VAETSKAN TILL FINFOERDELAD STRAOLE (Swedish)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): FI 906089 A 19901211; GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FI 931780 A 19930420
 Derwent WPI Acc No: * G 91-179793
 Language of Document: Finnish; Swedish
 Patent (No,Kind,Date): FI 9006089 A0 19901211
 DISTRIBUTIONSANORDNING. (Swedish)
 Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FI 906089 A 19901211
 IPC: * A61M
 Language of Document: Finnish; Swedish
 Patent (No,Kind,Date): FI 9301780 A0 19930420
 DISTRIBUTIONSANORDNING SAMT FOERFARANDE FOER DISTRIBUTUERING AV VAETSKAN TILL FINFOERDELAD STRAOLE (Swedish)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): FI 906089 A 19901211; GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FI 931780 A 19930420
 Derwent WPI Acc No: * G 91-179793
 Language of Document: Finnish; Swedish
 Patent (No,Kind,Date): FI 101196 B1 19980515
 DISTRIBUTIONSANORDNING (Swedish)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FI 906089 A 19901211
 IPC: * A61M-011/00; B05B-017/06; A61M-015/00
 Derwent WPI Acc No: * C 96-288546; G 91-179793
 Language of Document: Finnish; Swedish
 Patent (No,Kind,Date): FI 101197 B1 19980515
 DISTRIBUTIONSANORDNING SAMT FOERFARANDE FOER DISTRIBUTUERING AV VAETSKAN TILL FINFOERDELAD STRAOLE (Swedish)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FI 931780 A 19930420
 IPC: * A61M-011/00; B05B-017/06; A61M-015/00
 Derwent WPI Acc No: * C 96-288546; G 91-179793
 Language of Document: Finnish; Swedish
 FRANCE (FR)
 Patent (No,Kind,Date): FR 2655572 A1 19910614
 DISTRIBUTEUR. (French)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): JOHN ROSS CALVIN; CAREY HUMBERSTONE VICTOR
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): FR 9015408 A 19901210
 IPC: * B05B-009/047; B05B-017/06; A61M-015/00
 Derwent WPI Acc No: * G 91-179793
 Language of Document: French
 Patent (No,Kind,Date): FR 2655572 B1 19940107
 DISTRIBUTEUR. (French)
 Patent Assignee: BESPAC PLC (GB)
 Author (Inventor): JOHN ROSS CALVIN; CAREY HUMBERSTONE VICTOR
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A

19900810

Applic (No,Kind,Date): FR 9015408 A 19901210

IPC: * B05B-009/047; B05B-017/06; A61M-015/00

Derwent WPI Acc No: * G 91-179793

Language of Document: French

FRANCE (FR)

Legal Status (No,Type,Date,Code,Text):

FR 9015408	AN	19910614	FR AGA	FIRST PUBLICATION OF APPLICATION (DELIVRANCE (PREM. PUB. DEMANDE DE BREVET))
			FR 2655572	A1 19910614
FR 9015408	AN	19940107	FR AGA	SECOND PUBLICATION OF PATENT (DELIVRANCE (DEUX. PUB. BREVET))
			FR 2655572	B1 19940107
FR 2655572	PN	19891212	FR AA	PRIORITY (PATENT) (PRIORITE (BREVET))
			GB 8928086	A 19891212
FR 2655572	PN	19900810	FR AA	PRIORITY (PATENT) (PRIORITE (BREVET))
			GB 9017563	A 19900810
FR 2655572	PN	19901210	FR AE	APPLICATION DATE (DATE DE LA DEMANDE)
			FR 9015408	A 19901210

GREAT BRITAIN (GB)

Patent (No,Kind,Date): GB 8928086 A0 19900214

ELECTROACOUSTIC DROPLET PRODUCTION APPARATUS AND METHOD (English)

Patent Assignee: TECHNOLOGY PARTNERSHIP LIMITED

Priority (No,Kind,Date): GB 8928086 A 19891212

Applic (No,Kind,Date): GB 8928086 A 19891212

Language of Document: English

Patent (No,Kind,Date): GB 9017563 A0 19900926

DISPENSING APPARATUS (English)

Patent Assignee: BESPAC PLC

Priority (No,Kind,Date): GB 9017563 A 19900810

Applic (No,Kind,Date): GB 9017563 A 19900810

Language of Document: English

Patent (No,Kind,Date): GB 9026804 A0 19910130

DISPENSING APPARATUS (English)

Patent Assignee: BESPAC PLC

Priority (No,Kind,Date): GB 9026804 A 19901210

Applic (No,Kind,Date): GB 9026804 A 19901210

Language of Document: English

Patent (No,Kind,Date): GB 9225004 A0 19930120

DISPENSING APPARATUS (English)

Patent Assignee: BESPAC PLC

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A

19900810

Applic (No,Kind,Date): GB 9225004 A 19921130

Derwent WPI Acc No: * G 91-179793

Language of Document: English

Patent (No,Kind,Date): GB 2240494 A1 19910807

ATOMISED SPRAY DISPENSER. (English)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810

Applic (No,Kind,Date): GB 9026804 A 19901210
 National Class: * A5T TBE TBEA; A5T TDC TDC; B2F FFC FFC; B2F F120 FFC
 ; B2F F204 FFC; B2F F324 FFC
 IPC: * B05B-011/02; A61M-015/00; B05B-017/06
 Language of Document: English
 Patent (No,Kind,Date): GB 2263076 A1 19930714
 "DISPENSING APPARATUS" (English)
 Patent Assignee: BESPAK PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
 Priority (No,Kind,Date): GB 9026804 A3 19901210; GB 8928086 A
 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): GB 9225004 A 19921130
 National Class: * A5T TV TV; A5T T253 TV; A5T T259 TV; A5T T27X TV;
 B2F FFC FFC; B2F F120 FFC; B2F F204 FFC; B2F F324 FFC
 IPC: * B05B-011/02; A61M-015/00; B05B-017/06
 Derwent WPI Acc No: * G 91-179793
 Language of Document: English
 Patent (No,Kind,Date): GB 2240494 B2 19931103
 DISPENSING APPARATUS (English)
 Patent Assignee: BESPAK PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
 19900810
 Applic (No,Kind,Date): GB 9026804 A 19901210
 National Class: * A5T TBE TBEA; A5T TDC TDC; B2F FFC FFC; B2F F120 FFC
 ; B2F F204 FFC; B2F F324 FFC
 IPC: * B05B-011/02; A61M-015/00; B05B-017/06
 Derwent WPI Acc No: * G 91-179793
 Language of Document: English
 Patent (No,Kind,Date): GB 2263076 B2 19940608
 DISPENSING APPARATUS (English)
 Patent Assignee: BESPAK PLC (GB)
 Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
 19900810; GB 9026804 A3 19901210
 Applic (No,Kind,Date): GB 9225004 A 19921130
 National Class: * A5T TV TV; A5T T253 TV; A5T T259 TV; A5T T27X TV;
 B2F FFC FFC; B2F F120 FFC; B2F F204 FFC; B2F F324 FFC
 IPC: * B05B-011/02; A61M-015/00; B05B-017/06
 Derwent WPI Acc No: * G 91-179793
 Language of Document: English

GREAT BRITAIN (GB)

Legal Status (No,Type,Date,Code,Text):

GB 2240494	P	19891212	GB AA	PRIORITY (PATENT)
			GB 8928086 A	19891212
GB 2240494	P	19900810	GB AA	PRIORITY (PATENT)
			GB 9017563 A	19900810
GB 2240494	P	19901210	GB AE	APPLICATION DATA (APPL. DATA)
			GB 9026804 A	19901210
GB 2240494	P	19910807	GB A1	APPLICATION PUBLISHED
GB 2240494	P	19931103	GB B2	PATENT GRANTED
GB 2240494	P	19941221	GB 732E	PROCEEDING UNDER SECTION 32
			PATENTS ACT 1977	(PROC. UNDER SECT. 32 PAT. ACT 1977)
GB 2263076	P	19891212	GB AA	PRIORITY (PATENT)

			GB 8928086	A	19891212
GB 2263076	P	19900810	GB AA		PRIORITY (PATENT)
			GB 9017563	A	19900810
GB 2263076	P	19901210	GB AA		APPLICATION NO OF BASIC
			APPLICATION	(APPL. NO OF BASIC APPL.)	
			GB 9026804	A3	19901210
GB 2263076	P	19921130	GB AE		APPLICATION DATA (APPL.
			DATA)		
			GB 9225004	A	19921130
GB 2263076	P	19930714	GB A1		APPLICATION PUBLISHED
			(APPL. PUBLISHED)		
GB 2263076	P	19940608	GB B2		PATENT GRANTED
GB 2263076	P	19941221	GB 732E		PROCEEDING UNDER SECTION 32
			PATENTS ACT 1977	(PROC. UNDER SECT. 32 PAT.	
			ACT 1977)		

IRELAND (IE)

ISRAEL (IL)

Patent (No,Kind,Date): IL 96597 A0 19910916
 Priority (No,Kind,Date): IL 96597 A 19901207
 Applic (No,Kind,Date): IL 96597 A 19901207
 Language of Document: English
 Patent (No,Kind,Date): IL 96597 A0 19920525
 LIQUID DISPENSING APPARATUS (English)
 Patent Assignee: BESPAC PLC
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): IL 96597 A 19901207
 IPC: * B05B
 Derwent WPI Acc No: * G 91-179793
 Language of Document: English
 Patent (No,Kind,Date): IL 96597 A1 19940412
 LIQUID DISPENSING APPARATUS (English)
 Patent Assignee: BESPAC PLC (GB)
 Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A 19900810
 Applic (No,Kind,Date): IL 96597 A 19901207
 IPC: * B05B-017/06; B05B-011/02; A61M-011/00
 Derwent WPI Acc No: * G 91-179793
 Language of Document: English

ISRAEL (IL)

Legal Status (No,Type,Date,Code,Text):

IL 96597

P 19970218 IL KB

PATENTS RENEWED

ITALY (IT)

Patent (No,Kind,Date): IT 1244181 A 19940708
APPARECCHIO EROGATORE DI LIQUIDI SOTTO FORMA DI GETTO NEBULIZZATO,
PARTICOLARMENTE QUALE NEBULIZZATORE MEDICALE (Italian)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): IT 9022344 A 19901211
IPC: * A61M
Derwent WPI Acc No: * G 91-179793
Language of Document: Italian
Patent (No,Kind,Date): IT 9022344 A0 19901211
APPARECCHIO EROGATORE DI LIQUIDI SOTTO FORMA DI GETTO NEBULIZZATO,
PARTICOLARMENTE QUALE NEBULIZZATORE MEDICALE (Italian)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): IT 9022344 A 19901211
Derwent WPI Acc No: * G 91-179793
Language of Document: Italian

ITALY (IT)

Legal Status (No,Type,Date,Code,Text):
IT 1244181 P 19940708 IT 0001 GRANTED (BREVETTATA)
IT 1244181 P 19991027 IT TA LAST FEE PAYMENT DATE (SITUATION
AS OF PRS-DATE), DATA COLLECTED SINCE
19931001 (DATA DEL ULTIMO PAGAMENTO
(SITUAZIONE DI DATA PRS) COLLECTIONE DA
19931003) 19981231

JAPAN (JP)

Patent (No,Kind,Date): JP 4100557 A2 19920402
SPRAYER (English)
Patent Assignee: BESPAC PLC
Author (Inventor): KARUBIN JIYON ROSU; BIKUTAA KIYAREI HANBAASUTOON
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): JP 90410268 A 19901211
IPC: * B05B-017/06; A61M-011/00
Language of Document: Japanese
Patent (No,Kind,Date): JP 94040984 B4 19940601
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): JP 90410268 A 19901211
IPC: * B05B-017/06; A61M-011/00
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: Japanese

KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 152086 B1 19981001
DISPENSING APPARATUS (English)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); VICTOR CAREY HUMBERSTONE

(GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): KR 9020290 A 19901211

IPC: * A61M-011/00

Derwent WPI Acc No: * C 96-288546; G 91-179793

Language of Document: Korean

MEXICO (MX)

Patent (No,Kind,Date): MX 172730 B 19940110

APARATO DISTRIBUIDOR (Spanish)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): MX 23663 A 19901210

IPC: * B05B-001/08

Derwent WPI Acc No: * C 96-288546; G 91-179793

Language of Document: Spanish

NORWAY (NO)

Patent (No,Kind,Date): NO 9005350 A 19910613

UTPORSJONERINGSAPPARAT. (Norwegian)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): NO 905350 A 19901211

IPC: * A61M-015/00

Derwent WPI Acc No: * G 91-179793

Language of Document: Norwegian

Patent (No,Kind,Date): NO 9005350 A0 19901211

UTPORSJONERINGSAPPARAT. (Norwegian)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): NO 905350 A 19901211

IPC: * B65D; A61M

Language of Document: Norwegian

Patent (No,Kind,Date): NO 179275 B 19960603

APPARAT OG FREMGANGSMAATE FOR UTPORSJONERING AV VAESKE (Norwegian)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): NO 905350 A 19901211

IPC: * A61M-015/00; B05B-017/06; B05B-011/02

Derwent WPI Acc No: * G 91-179793

Language of Document: Norwegian

Patent (No,Kind,Date): NO 179275 C 19960911

APPARAT OG FREMGANGSMAATE FOR UTPORSJONERING AV VAESKE (Norwegian)

Patent Assignee: BESPAC PLC (GB)

Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)

Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A

19900810

Applic (No,Kind,Date): NO 905350 A 19901211
IPC: * A61M-015/00; B05B-017/06; B05B-011/02
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: Norwegian

NEW ZEALAND (NZ)

Patent (No,Kind,Date): NZ 236418 A 19921223
SPRAY DISPENSER: PERFORATED MEMBRANE VIBRATES (English)
Patent Assignee: BESPAC PLC
Author (Inventor): ROSS CALVIN JOHN; HUMBERSTONE VICTOR CAREY
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): NZ 236418 A 19901210
IPC: * A61M-011/00; A61M-015/00; B05B-017/06
Derwent WPI Acc No: * G 91-179793
Language of Document: English

PORTUGAL (PT)

Patent (No,Kind,Date): PT 96169 A 19920831
APARELHO DE DISTRIBUICAO (English; French; German; Portugese)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): PT 96169 A 19901212
IPC: * B05B-017/06
Derwent WPI Acc No: * G 91-179793
Language of Document: Portugese

Patent (No,Kind,Date): PT 96169 B 19980731
APARELHO DE DISTRIBUICAO (English; French; German; Portugese)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN JOHN (GB); HUMBERSTONE VICTOR CAREY
(GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810

Applic (No,Kind,Date): PT 96169 A 19901212
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: Portugese

PORTUGAL (PT)

Legal Status (No,Type,Date,Code,Text):

PT 96169 P 19920831 PT BB1A LAYING OPEN OF PATENT
APPLICATION (PUBLICACAO DE PEDIDO DE
INVENCAO)

920410

PT 96169 P 19980731 PT FG3A PATENT GRANTED, DATE OF GRANTING
(CONCESSOES, DATA DO DESPACHO)

980420

PT 96169 P 20000229 PT MM3A ANNULMENT OR LAPSE DUE TO
NON-PAYMENT OF FEES (CADUCICADES)
19991031 LAPSE DUE TO NON-PAYMENT OF FEES

RUSSIA (RU)

Patent (No,Kind,Date): RU 2051755 C1 19960110

SPRAYER (English)
Patent Assignee: BESPAC PLS (GB)
Author (Inventor): KELVIN DZHON ROSS (GB); VIKTOR KAREJ KHAMBERSTOUN
(GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): RU 4831943 A 19901211
IPC: * B05B-017/06
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: Russian

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5152456 A 19921006
DISPENSING APPARATUS HAVING A PERFORATE OUTLET MEMBER AND A VIBRATING
DEVICE (English)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN J (GB); HUMBERSTONE VICTOR C (GB)
Priority (No,Kind,Date): GB 8928086 A 19891212; GB 9017563 A
19900810
Applic (No,Kind,Date): US 620416 A 19901203
National Class: * 239102200; 239004000; 128200160; 261DIG048
IPC: * B05B-001/08
Derwent WPI Acc No: * G 91-179793
Language of Document: English
Patent (No,Kind,Date): US 5261601 A 19931116
LIQUID DISPENSING APPARATUS HAVING A VIBRATING PERFORATE MEMBRANE
(English)
Patent Assignee: BESPAC PLC (GB)
Author (Inventor): ROSS CALVIN J (GB); HUMBERSTONE VICTOR C (GB)
Priority (No,Kind,Date): US 620416 A2 19901203; GB 8928086 A
19891212; GB 9017563 A 19900810
Applic (No,Kind,Date): US 907519 A 19920706
Addnl Info: 5152456 Patented
National Class: * 239102200; 239004000; 128200160; 261DIG048
IPC: * A61M-015/00
Derwent WPI Acc No: * G 91-179793
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
US 5152456 P 19891212 US AA PRIORITY (PATENT)
GB 8928086 A 19891212
US 5152456 P 19900810 US AA PRIORITY (PATENT)
GB 9017563 A 19900810
US 5152456 P 19901203 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 620416 A 19901203
US 5152456 P 19910114 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST
BESPAC PLC, BERGEN WAY, NORTH LYNN INDUSTRIAL
ESTATE, KING'S LYNN, NORFOLK PE30 ; ROSS,
CALVIN J. : 19900921; KUMBERSTONE, VICTOR C.
: 19900921
US 5152456 P 19921006 US A PATENT
US 5261601 P 19891212 US AA PRIORITY (PATENT)
GB 8928086 A 19891212
US 5261601 P 19900810 US AA PRIORITY (PATENT)

GB 9017563 A 19900810
US 5261601 P 19901203 US AA PRIORITY
US 620416 A2 19901203
US 5261601 P 19920706 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 907519 A 19920706
US 5261601 P 19920812 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST
BESPAK PLC, A CORP. OF UNITED KINGDOM BERGEN
WAY, NORTH LYNN INDUSTRIAL ESTATE K ; ROSS,
CALVIN J. : 19920710; HUMBERSTONE, VICTOR C.
: 19920717
US 5261601 P 19931116 US A PATENT
US 5261601 P 19971202 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
970512

SOUTH AFRICA (ZA)

Patent (No,Kind,Date): ZA 9009776 A 19920826
DISPENSING APPARATUS (English)
Patent Assignee: BESPAK PLC
Author (Inventor): ROSS CALVIN JOHN; CALVIN JOHN ROSS; HUMBERSTONE
VICTOR CAREY; VICTOR CAREY HUMBERSTONE
Priority (No,Kind,Date): GB 8928086 A 19891212
Applic (No,Kind,Date): ZA 909776 A 19901205
IPC: * B05B
Derwent WPI Acc No: * C 96-288546; G 91-179793
Language of Document: English

LEXIS SEARCH RESULTS:

LEVEL 1 - 1 OF 1 PATENT

<5,261,601>

<=> GET 1st DRAWING SHEET OF 4

Nov. 16, 1993

Liquid dispensing apparatus having a vibrating perforate
membrane

REISSUE: Reissue Application filed May 12, 1997 (O.G. Dec. 2, 1997) Ex. Gp.:
3104; Re. S.N. 08/854,686

CORE TERMS: membrane, hole, perforate, rear, disc, dispensing, sheet, spray,
droplet, transducer...
>>>

5,261,601 OR 5261601

Your search request has found no [LAW] CASES.

Your search request has found no [LAW JOURNAL] ITEMS.

Your search request has found no [CURRENT NEWS] STORIES.

QUESTEL SEARCH RESULTS:

Search statement 1: us5261601/pn

Term not in index/PN-LITA : US5261601

LGST	1	[LEGAL STATUS]
CRXX	1	[CLAIMS/REEXAMINATION INFORMATION]
PAST	1	[PATENT STATUS]
LITA	0	[LITIGATION ALERT]

** SS 1 : Results 3

1/3 LGST (1/1) - (C) LEGSTAT

PN - US 5261601 [US5261601]
AP - US 907519/92 19920706 [1992US-0907519]
DT - US-P
ACT - 19920706 US/AE-A
APPLICATION DATA (PATENT)
{US 907519/92 19920706 [1992US-0907519]}
- 19920812 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
BESPAK PLC, A CORP. OF UNITED KINGDOM BERGEN WAY, NORTH LYNN
INDUSTRIAL ESTATE K * ROSS, CALVIN J. : 19920710; HUMBERSTONE, VICTOR
C. : 19920717
- 19931116 US/A
PATENT
- 19971202 US/RF
REISSUE APPLICATION FILED
970512
UP - 1999-15

2/3 CRXX (1/1) - (C) CLAIMS/RRX

AN - 2416936
PN - 5,261,601 A 19931116 [US5261601]
PA - Bespak plc GB
PT - M (Mechanical)
ACT - 19970512 REISSUE REQUESTED
Issue Date of O.G.: 19971202
Reissue Request Number: 08/854686
Examination Group responsible for Reissue process: 3104
UP - 1999-00

3/3 PAST (1/1) - (C) PAST

AN - 199748-001428
PN - 5261601 A [US5261601]
DT - A (UTILITY)
OG - 1997-12-02
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED